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Patent  
Attorney's Docket No. 033303-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Prem S. PAUL et al.

Application No.: 09/810,501

Filed: March 19, 2001

For: POLYNUCLEIC ACIDS ISOLATED  
FROM A PORCINE REPRODUCTIVE  
AND RESPIRATORY SYNDROME  
VIRUS (PRRSV), PROTEINS  
ENCODED BY THE POLYNUCLEIC  
ACIDS, VACCINES BASED ON THE  
PROTEINS AND/OR POLYNUCLEIC  
ACIDS, A METHOD OF PROTECTING  
A PIG FROM A PRRSV AND A  
METHOD OF DETECTING A PRRSV

) BOX AF

) Group Art Unit: 1648

) Examiner: D. Wortman

) Confirmation No.: 1105

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AMENDMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Amendment After Final Rejection for the above-identified patent application.

[ ] A Petition for Extension of Time is also enclosed.

[ ] A Terminal Disclaimer and the [ ] \$55.00 (2814) [ ] \$110.00 (1814) fee due under 37 C.F.R. § 1.20(d) are also enclosed.

[X] Also enclosed are an Information Disclosure Statement Transmittal Letter, a Supplemental Information Disclosure Statement, a PTO-1449 Form with (1) document and a check for the \$180.00 IDS fee.

[ ] Small entity status is hereby claimed.

[ ] Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the [ ] \$375.00 (2801) [ ] \$750.00 (1801) fee due under 37 C.F.R. § 1.17(e).

[ ] Applicant(s) previously submitted \_\_, on \_\_, for which continued examination is requested.

(02/03)

- ☐ Applicant(s) request suspension of action by the Office until at least \_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.
- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

| A M E N D E D   C L A I M S  |                  |  |                 |                    |               |
|--|------------------|--|-----------------|--------------------|---------------|
|  | NO. OF<br>CLAIMS | HIGHEST NO.<br>OF CLAIMS<br>PREVIOUSLY<br>PAID FOR | EXTRA<br>CLAIMS | RATE               | ADDT'L<br>FEE |
| Total Claims   | 4                | MINUS 38 =   | 0               | × \$18.00 (1202) = | -0-           |
| Independent Claims   | 2                | MINUS 3 =  | 0               | × \$84.00 (1201) = | -0-           |
| If Amendment adds multiple dependent claims, add \$280.00 (1203)       |                  |  |                 |                    |               |
| Total Amendment Fee  |                  |  |                 |                    | -0-           |
| If small entity status is claimed, subtract 50% of Total Amendment Fee |                  |  |                 |                    |               |
| TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT                            |                  |  |                 |                    | -0-           |

- ☐ A claim fee in the amount of \$\_\_\_\_\_ is enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: April 18, 2003

By: Sharon E. Crane  
Sharon E. Crane, Ph.D.  
Registration No. 36,113

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4.24.03

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(1202) 36  
218 x 2 = 84  
(1201) 1 x 84 = 84

AMENDMENT AFTER FINAL REJECTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In complete response to the final Office Action dated January 24, 2003, please  
amend the above-identified application as follows.

IN THE CLAIMS:

Please replace claim 30, and add new claims 39-40, as follows:

Cl  
contd

- 30. (Amended) A diagnostic kit for assaying a porcine reproductive and  
respiratory syndrome virus, comprising:

04/24/2003 CTR:0452 024500 05610501

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02:02:01  
55.00 05  
84.00 05